# Product data sheet

Specifications



## Symmetra PX 250kW Power Module Frame, 400/480V

SYPF250KD

## Overview

| | |
|---|---|
| **Presentation** | A high performance power frame that can accommodate up to ten 25kW power modules. |
| **Lead time** | Usually Ships within 6 Weeks |

## Main

| | |
|---|---|
| **Main Input Voltage** | 480 V 3 phase<br>400 V 3 phase |
| **Main Output Voltage** | 480 V 3 phase<br>400 V 3 phase |
| **Other Output Voltage** | 415 V |
| **Kw Rating** | 250000 W |
| **Rated power in VA** | 250000 VA |
| **Output connector type** | Hard Wire 4-wire (3PH + G) 1<br>Hard Wire 5-wire (3PH + N + G) 1 |
| **Battery Type** | External battery system |
| **Provided Equipment** | User Manual |

## Physical

| | |
|---|---|
| **color** | Black |
| **Height** | 78.39 in (199.1 cm) |
| **Width** | 23.62 in (60 cm) |
| **Depth** | 42.13 in (107 cm) |
| **Product Weight** | 535.13 lb(US) (242.73 kg) |

## Input

| | |
|---|---|
| **Input Frequency** | 40 - 70 Hz |
| **Number of input connectors** | 1 Hard Wire 4-wire (3PH + G)<br>1 Hard Wire 5-wire (3PH + N + G) |
| **Efficiency at full load** | 340...460 V 400 V<br>408...552 V 480 V |
| **Input protection type** | 3-pole breaker |

## Output

| | |
|---|---|
| **Max Configurable Power (Watts)** | 250000 W |

## Conformance

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Product Certifications** | cUL Listed<br>CE<br>UL Listed |
| **Standards** | CSA C22.2 No. 107.1<br>EN 50091-2<br>EN/IEC 62040-3<br>EN/IEC 62040-1-1<br>UL 1778<br>UL 60950-1 |

## Environmental

| | |
|---|---|
| **Ambient air temperature for operation** | 32…104 °F (0…40 °C) |
| **Relative Humidity** | 0…95 % |
| **Operating altitude** | 0...3333 ft |
| **Ambient Air Temperature for Storage** | 5…104 °F (-15…40 °C) |
| **Storage Relative Humidity** | 0…95 % |
| **Storage altitude** | 0…50000 ft (0.0000000000…15240.0000000000 m) |
| **Acoustic level** | 54 dBA |
| **NEMA degree of protection** | NEMA 1 |

## Ordering and shipping details

| | |
|---|---|
| **GTIN** | 731304253228 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 84.06 in (213.5 cm) |
| **Package 1 Width** | 47.64 in (121 cm) |
| **Package 1 Length** | 29.53 in (75 cm) |
| **Package 1 Weight** | 618.29 lb(US) (280.45 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 1 year repair or replace |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Use Better

#### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Compliant** |

### Use Again

#### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | **End of Life Information** |
| Take-back | **Yes** |

Image of product / Alternate images

**Alternative**



